SURVEY OF POTENTIAL LOWBUSH BLUEBERRY ACREAGE IN EASTERN NOVA SCOTIA

NOVEMBER, 1982

This report has been prepared

by the

Eastern Nova Scotia Lowbush Blueberry Development Committee

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TABLE OF CONTENTS

ACKNOWLEDGEMENTS i

INTRODUCTION AND BACKGROUND INFORMATION

General 1

Production 1

Marketing 2

Survey Area and The Inspection Procedure 3

POTENTIAL AREAS FOR DEVELOPMENT IN PICTOU COUNTY 4

POTENTIAL AREAS FOR DEVELOPMENT IN ANTIGONISH COUNTY 11

POTENTIAL AREAS FOR DEVELOPMENT IN GUYSBOROUGH COUNTY 16

GENERAL SURVEY SUMMARY 20

SURVEY AREA MAP 21

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. The Late Mr. Dougall Gillis, Fieldman, Nova Scotia Department of Lands and Forests, Antigonish.

. Mr. Jim Hewitt, Blueberry Grower, Port Hilford, Guysborough County.

. Mr. Murray Feltmate, Blueberry Grower, Goshen, Guysborough County.

INTRODUCTION AND BACKGROUND INFORMATION

GENERAL:

The lowbush blueberry has developed from humble beginnings into one of the most important horticultural crops in Nova Scotia. The large scale commercial development of today had its beginnings in the late forties and early fifties. Since then, the industry has steadily expanded. Today, lowbush blueberries, growing on land unsuited for most other types of agricultural production, have become the number one fruit crop in the province in terms of total acreage and export sales.

The lowbush blueberry industry in Nova Scotia is blessed with a good nucleus of progressive producers, a strong producers' association, modern processing and storage facilities and expanding overseas markets. The strong prices of the past few years have stimulated tremendous interest and enthusiasm in the industry.

PRODUCTION:

About 20,000 acres are presently in blueberry production in Nova Scotia. There is excellent potential for development of another 5,000 to 10,000 acres.

In 1953, provincial production was 1,125,000 pounds with a farm value of $152,000. In 1981, the provincial production was 12,866,140 pounds with a farm value of $6,175,747.

About 80 percent of our present production comes from Cumberland County. The remaining 20 percent comes from smaller areas scattered throughout the central, eastern and western counties in the province. Although there has been some development in Cape Breton, fields there have never produced satisfactory commercial yields. This problem is currently being investigated. Although there is still undeveloped acreage which could be brought into production in the central area of the province, increased production here will result mainly from improved cultural practices.

In the western part of the province (Hants County westward), there are around 2,000 acres presently in production and more potential acres which could be developed.

The counties of Pictou, Antigonish and Guysborough have a number of fields in early stages of development and a large amount of potential acreage which could be developed into producing blueberry land. There is a growing interest in blueberries in this region. Over the next ten years, the increased acreage base in these counties, if cleared and developed, has the potential to give a 20 to 50 percent increase in the annual wild blueberry crop in Nova Scotia.

There are over 1,000 producers in the province. Individual acreage varies from as low as one acre to well over a thousand acres by some large producers. Therefore, annual production per producer can vary anywhere from 500 to 1,500,000 pounds.

A recent survey indicated that 75 percent of the growers produced less than 25,000 pounds of blueberries annually. Their total production amounted to about 25 percent of the total Nova Scotia production. Ninety percent of the growers produce less than 50,000 pounds annually.

MARKETING:

The marketing system for lowbush blueberries involves producers, buyers or dealers, processors (freezers), and manufacturers or end users. Almost all of the annual Nova Scotia crop is sold for processing (freezing), and eventual use in manufactured blueberry products.

There are approximately 20 buyers in the province of Nova Scotia at present (1982). Most buyers are also large growers. These buyers are located in each of the major production areas of the province. Buyers own the necessary harvesting and marketing equipment, such as rakes, boxes and field cleaners. Sometimes, they provide picking crews (paid by growers) to harvest the crop. Most buyers also own burners and will custom-burn blueberry fields. The buyer buys blueberries from a number of growers in his area and sells to a processor, who will freeze the berries for sale to manufacturers of blueberry products.

Up until 1972, approximately 70 percent of the total Nova Scotia production was usually sold to United States manufacturers, while the other 30 percent was sold to manufacturers in Canada. Since 1972, there have been increasing amounts of Nova Scotian berries sold in European countries such as West Germany, Sweden, Norway and the Netherlands.

In the last four years (1978, 1979, 1980 and 1981), well over 60 percent of total production has been sold to European buyers. The Blueberry Producers' Association in cooperation with the Nova Scotia Fruit (Apple) Growers Association have purchased 60 refrigerated containers for handling European shipments. Another market which has been developed since 1978 is Japan. In 1981, close to two million pounds were shipped to this increasingly important market.

A small amount of blueberries are sold on the local fresh market either in pints or quarts to the stores or roadside fruit stands.

There are three processing companies in Nova Scotia which freeze blueberries for resale to the manufacturer.

1) Cavendish Farms Limited, Springhill, Cumberland County, N.S.
2) M. W. Graves & Co., Berwick, Kings County, N.S.
3) Oxford Frozen Foods Ltd., Oxford, Cumberland County, N.S.

All these plants have Individual Quick Freezing (I.Q.F.) facilities and are equipped with adequate storage facilities to handle the amount of berries they process.

SURVEY AREA AND THE INSPECTION PROCEDURE:

Field inspections were carried out during 1980 and 1981 in the counties of Pictou, Antigonish and Guysborough by Keith Morton. Communities selected were in those areas where there is now some blueberry production or areas where it was suspected production potential existed. Long time residents of communities proved to be a good source of information. Density of clones, weed and tree cover, terrain and length of time to develop the potential were assessed by visual inspection of potential fields. Areas with potential were marked on a map. The areas form a pattern and the overall areas are shaded in on a map of the province (see pg. 21). Within the overall shaded area, a few areas will be found with no potential. Also, outside the shaded areas, an occasional area with potential or present production may be found.

Areas with potential for development are identified by communities and road layout within each county in the following sections of this report.

POTENTIAL AREAS FOR DEVELOPMENT IN PICTOU COUNTY

AREA 1: The Fitzpatrick Mountain area through to Millsville, Dalhousie Settlement, Brookland and Upper Mount Thom - 260 acres.

(a) Fitzpatrick Mountain - Elmsfield - Millsville (3 sites, 150 acres)

. One site at Fitzpatrick Mountain - approx. 50 acres with good potential. Some bayberry.

. One site on Porter Road - approx. 60 acres with small alder growth. Good coverage of clones.

. One site on Dalhousie Mountain Road - approx. 40 acres. Good cover of clones. Partly covered with small scrub brush.

(b) Dalhousie Settlement - Brookland (3 sites, 50 acres)

. Dalhousie Mountain, opposite cemetery - 20 acre block now being developed. Adjacent to land showing potential.

. Approx. 10 acres in Brookland. Many clones but quite a lot of bayberry.

. Approx. 20 acres in Brookland. Plant cover in some areas, scrub bush growth.

(c) Loganville - Upper Mount Thom (3 sites, 60 acres)

. Approx. 10 acres at Loganville near the Bezanson Cemetery. Long term development potential.

. Approx. 40 acres on the Glen Road between Loganville and Upper Mount Thom, within two kilometers of Bezanson Cemetery. Very smooth terrain; small spruce cover; fair number of clones; long term development.

. Approx. 10 acres, off the Glen Road. Smooth terrain; small spruce; long term development.

AREA 2: Upper Mount Thom to West River Station, Landsdowne and Limerock - 450 acres.

(a) Trans-Canada Highway at Upper Mount Thom to Watervale and area (7 sites, 190 acres)

. Approx. 8 acres with good potential at Upper Mount Thom between the Trans Canada Highway and the hydro line. Cover of white spruce and fir.

. Approx. 70 acres located on the Cove Road in the Upper Mount Thom area on the south east side of the Trans-Canada Highway. Fields are smooth. Scattered clone cover; long term development project.

. Approx. 10 acres located on the Cove Road approx. 4 miles from the Trans-Canada Highway, a steep side hill with approximately 10 acres; abundance of small clones. A cover of small spruce.

. Watervale - approx. 50 acres on both sides of the highway about 1 mile from the Watervale Crossroads on the Saltsprings-West River Road in the direction of Saltsprings. Long term development. Cover of small spruce.

. Approx. a half mile from the Crossroads - approx. 12 acres located on the Limerock Road. Long term development.

(b) West River Station, Gairloch, Landsdowne (9 sites, 190 acres)

. Tupper Road. Small bush that could easily be cleared. Good plant cover.

. Approx. 20 acres at West River Station. Cover of small catspruce.

. Approx. 20 acres located on Montreal Road. Good potential, smooth terrain.

. Approx. 10 acres located on Montreal Road. Half a mile from Landsdowne - 6 acres cleared; 4 presently in blueberry production with real potential in the adjacent area.

. 4-acre lot located on the Matheson Road. Good plant cover; some small spruce.

. A 20-acre block on Matheson Road. Scattering of clones, all white spruce cover.

. A 65-acre site near Landsdowne - 7 acres already cleared for production. Good blueberry potential, cover of small fir and hardwood.

. A 10-acre block at the entrance of the Ross Road. A large number of clones, small scrub bush cover.

. A 30-acre block located between Watervale and Millbrook, north of Gairloch; Partially cleared; excellent potential.

(c) Limerock (2 sites, 20 acres)

. 10 acres located between Watervale and Millbrook, north of Gairloch. Excellent potential. Heavey plant population; small catspruce cover.

. 10 acres near Limerock in the area of the hydro line. Small hardwood cover.

(d) Lorne - Stewiacke Road (2 sites, 60 acres)

. 25 to 30 acre site on the road from Lorne to the county line, located near the county line. Very heavy plant population, rough terrain; small cover of fir and spruce.

. 30 acres on the road from Lorne to the county line near Lorne. Excellent potential. Old field with excellent coverage of clones; small catspruce.

AREA 3: That area from Lorne to Elgin, McLellan Mountain, Blanchard Road, Sunnybrae, McQuarrie Lake - 440 acres.

(a) Elgin (2 sites, 100 acres)

. Approx. 80 acres on the road from Centredale to Millstream. Excellent vine cover, very smooth terrain, cover of small spruce and hardwood.

(b) St. Paul's - Sunnybrae - Kerrowgare (8 sites, 285+ acres)

. 40 acres on south side of the river at St. Pauls. Plant cover varies from light to heavy. Area being developed for blueberries.

. A 40-acre block at Glencoe, south side of the river; 30 percent plant cover. Area now being developed for blueberries.

. 25 acre block at Iron Rock, south side of the river. Located near a cairn. Area partially cleared. Could be long term development.

. Approx. 100 acres on the road from Iron Rock to Iron Ore, on three old farms. Excellent potential; good plant cover; large trees to be removed.

(c) Blanchard Road - Webster Corner - Brookville - Bridgeville (6 sites, 55+ acres).

. 6 acres north of Bridgeville at Karbonie. Good potential, light growth of small spruce.

. A 15-acre field at Karbonie. Good potential after the removal of 25-year-old spruce.

. Several areas at Karbonie near Kerrowgare, both sides of the road. Acreage potential not listed. Terrain rough; good cover of clones.

. Approx. 20 acres at South McLellan Mountain on road from Brookville to Webster's Corner, near the Micro tower. Smcoth terrain, good coverage of clones, easy to clear.

. Large area at South McLellan Mountain on the road from Brookville to Webster's Corner, near the micro tower. Acres not listed - burned over 25 years ago, excellent potential.

. Large area on the road from Webster's Corner to Blanchard Road. Acres not listed. Excellent vine cover, good potential after removal of mature white spruce.

(d) Sunnybrae - Trafalgar area. Large area completely burned over by 1976 forest fire. Blueberry plants form part of the cover on much of this area.

AREA 4: Blue Mountain - Meiklefield - Broadway - Rossfield - Laggan - 20 sites, 790 acres.

. A large block at Blue Mountain adjacent to the Blanchard Road. Acres not listed. Excellent cover of clones, tree growth of white spruce, 25 years old.

. Approx. 20-acre block between Blue Mountain and Moose River. Blueberry potential with white spruce cover 10 to 20 years.

. Meiklefield - three separate farms that are adjacent on the McCulloch Hill area. Acreage not listed. Clone cover varies from sparse to excellent. Some fields need very little tree removal. Excellent long term potential.

. Areas between French River and Woodfield on MacGrath Mountain. Approx. 25 to 30 acres. The fields are small in size. Fields are smooth with good clone cover, spruce 25 years of age to be removed.

. 40 acres on the MacGrath Road, just east of Meadow Springs on McGrath Mountain. Old pasture land with excellent blueberry potential; rough terrain; lots of clones; fast producing field.

. 20 acres located on the road that runs from Laggan to Woodfield, north side of the highway, approx. a quarter of a mile from the crossroads at Meadow Springs. A good number of clones, 25-year-old catspruce.

. A 90-acre block on the road from Laggan to Moose River before the Meadow Springs intersection. A 90 percent cover of blueberry clones, sparsely populated with white spruce.

. A 20-acre block at the junction of the McGrath and Moose River Road. Good blueberry potential. Cover is 20-year-old white spruce.

. 25 acres located between the Laggan-Rossfield Highway and the Laggan-Middle Barney's River Road. Lots of clones. 15-year-old white spruce.

. A 20-acre block located just south of Laggan on road to Meadow Springs. Fair number of clones; 20-year-old spruce cover.

. 15 acres located at Laggan and just south of the road that runs from Laggan to Meiklefield. Some clones in some areas.

. Approx. 50 acres located just south of Laggan between the Laggan-Middle Barney's River Road and the Laggan Marsh Road. Quite a few clones, good long term potential.

. A 50-acre block just north of the Laggan-Marsh Road. Excellent potential with smooth land, many clones, white and catspruce varying from 20 to 40 years.

. 20-acre block located on the east side of the highway that leads from Rossfield south. Smooth topography. Some catspruce. Good potential. Easy to clear.

. 25 acres located at Rossfield on the north side of the road that leads from Rossfield to Forbes Lake, just beyond the towers. Smooth topography lots of clones, catspruce cover but very few weeds.

. 10 acres located near the Barney's River just east of the road that runs from Laggan to Kenzieville. Quite a number of clones. Easy to clear. Trees approximately 20 years old.

. 60 acres of smooth terrain on road from Kenzieville to Rossfield. Scattered catspruce. Long term development.

. 20 acres located at Rossfield on the Kenzieville to Rossfield Highway. Excellent potential.

. Large area from French River to Merigomish that was burned by a forest fire about 1967 or 1968. Good cover of blueberry plants but a lot of hardwood growth.

AREA 5: Garden of Eden to East River St. Mary's- 5 sites, 100 acres

. 25 acres located at Garden of Eden, north side of the highway. Excellent potential.

. Large area between Garden of Eden and Eden Lake, north side of the highway. Lots of weed in the form of laurel and lambkill.

. 12 acres at East River St. Mary's north side of the highway. Excellent potential, small spruce could be easily cleared.

. Area at East River St. Mary's on north side of the highway. Acreage unknown. Good potential. Covered with spruce that is near maturity.

. 15 acres located on the south side of the highway at East River St. Mary's. Good potential. Some alders and white spruce. Lots of clones. Could be a good field.

POTENTIAL AREAS FOR DEVELOPMENT IN ANTIGONISH COUNTY

AREA 1: James River area.

. Area of the Trans-Canada Highway at the border of Antigonish and Pictou counties. South of Pushie Road - 70 acres, good potential and short term development time.

. 15-acre block on Pushie Road with a good potential for development.

. Brown's Mountain - large area, very smooth terrain, large population of clones, white spruce cover; 15-20 years; good potential.

AREA 2: Pleasant Valley area.

. Pleasant Valley district of Antigonish County - an abandoned farm presently owned by the Crown, small clearings with scattered clones with 20-year-old catspruce cover, a long term development would be required before maximum potential reached.

. 20-acre block located on the Mountain Road leading from Pleasant Valley. Covered with 15-year-old catspruce, appears to be a weed problem; 20 acres of potential.

AREA 3: Georgeville area.

. Approx. 8 acres located on the Glebe Road approximately 4 miles off the paved Highway No. 337, smooth terrain; quite a few clones, probably 10 years to develop to its maximum potential.

. Located on the Glebe Road, approximately 5 miles from the paved Highway No. 337 - 5 acres with good potential and good drainage land is owned by the Crown.

AREA 4: Brophy (on gravel road from Lakevale to Fairmont).

. On the northwest side of the highway - 20 acres with very good potential; covering of catspruce; easy to clean up; smooth terrain.

. West side of highway - 50 to 60 acres; old farm, excellent potential; excellent covering of plants; covered with small spruce.

AREA 5: Fairmont - location is by the fire tower.

. Land owned by the Crown by the fire tower - 8 to 10 acres; Smooth terrain, excellent potential due to heavy concentration of clones.

· Approx. 20 acres on Fairmont Road, smooth terrain, fair plant population, covering of small to large spruce; long term development.

AREA 6: Pomquet.

· Approx. 50 acres located on the Cove Road - an area that would be easily cleared off; excellent potential; covering of small trees - some laurel, lambkill and hardhack.

· Approx. 20 acres on the Cove Road, smooth terrain, excellent blueberry plant covering, some difficulty would be experienced in clearing hardwood and catspruce.

. A 20-acre block on the Cove Road near the Harbour. Excellent covering of blueberry plants, smooth terrain, white spruce to be removed.

AREA 7: Bayfield

. 25 acres in the vicinity of the Lane Road that leads from Bayfield to Afton; Field with no tree cover, some weeds but heavy blueberry population. Excellent potential.

· Approx. 50 acres located on the west side of the Lane Road - good potential; longer term development; located approximately 1 km. from Highway No. 4.

AREA 8: Frankville

· Approx. 20 acres located south of the railroad track at Frankville - 5 acres presently cleared, good blueberry plant population. Area easily cleared.

AREA 9: Linwood Station

. Linwood Station, south of the railroad track - an area with good plant cover and potential; light spruce to be removed, some areas presently cleared; some weeds to contend with.

AREA 10: Merland

. Merland area near county line and south of the gravel road that leads from Merland to Monastery - an area that would be more costly to develop into a good field because of the weed problem and the removal of woody weeds such as hardhack and laurel.

AREA 11: New France - Glassburn - Black Avon

. Approx. 25-acre block located south of the gravel road that goes through New France. Excellent potential, easily cleared.

. Approx. 10 acres located north of the highway that runs from Glassburn to Black Avon - excellent cover of blueberry plants - approximately 70 to 80 percent. Small catspruce to be removed. A field that would be developed to its potential in a short period of time.

. A large field located north of the highway that runs from Glassburn to the Guysborough County line; excellent vine cover, scattering of spruce.

AREA 12: Lower Springfield - Upper Springfield area

. Lower Springfield area, south of the Marsh Road that leads from Lower Springfield to Highway No. 316 - area is west of the power line - approx. 80 acres - a field that would take considerable time to develop.

. 10 acres located on the North side of the Marsh Road that leads from Lower Springfield to Highway No. 316, long term development, covering of small white spruce.

. Approx. 25 acres located on the road that runs from Lower Springfield to Highway No. 316, approx. 25 acres; with tree cover varying from light to 30-year-old spruce. Smooth terrain; fair number of clones - would be a good field with long term development.

. Approx. 100 acres located on the Upper Springfield Road. Old farm with some areas easily cleared. The remaining has a tree cover of 25 to 30-year-old trees.

. Approx. 50 acres just north of the Upper Springfield road; smooth terrain, could be developed into a good field.

. Location on the road that leads from Upper Springfield to Polson's Brook, approximately 20 acres, smooth terrain, some small spruce. Could be developed into a good field.

. Approx. 10 acres located on the road that leads from Upper Springfield to Polson's Brook; good potential.

. Approx. 20 acres located on the Upper Springfield-Polson's Brook gravel road - no tree cover, ready made field - all it needs is burning.

AREA 13: Upper South River

. Approx. 25 acres located on gravel highway at Upper South River; a long term development field, good potential, covering of catspruce and small hardwood.

AREA 14: East side of Lochaber

. Approx. 20 acres located on the Middleton Road; heavy tree cover, long term development.

. Approx. 50 acres at Lochaber located on the east side of the paved highway and south of the Middleton gravel road. Heavy vine cover, good short term development field with some work started.

. Approx. 80 acres at North Lochaber on the east side of the paved highway. Good potential with 20 acres currently being developed. White spruce covering; age 5 to 15 years; a field that will be easily developed.

. Approx. 80 acres located on the east side of the paved highway at North Lochaber - heavy blueberry covering; excellent short term development; 15-year-old growth of white spruce.

AREA 15: West side of Lochaber. South of the gravel road that leads to Cross Roads Ohio known as Sutherlands' Mountain.

. 200 acres in one block, smooth terrain and population 90 to 100 percent. Ready made field when spruce is cleared. Some large spruce but not thick on the ground - very little in the way of weed cover.

. Approx. 10 acres located between Lochaber Lake and Ireland. Fair potential.

AREA 16: Mayfield area. Near the Antigonish-Pictou County line, in the area of the Keppoch.

. Approx. 400 to 500 acres, plant population of neary 90 percent. Clearing could be done very easily in some areas as the cover to be removed is catspruce. The area is made up of a number of old abandoned farms with good blueberry potential to the heavy timber line.

POTENTIAL AREAS FOR DEVELOPMENT IN GUYSBOROUGH COUNTY

AREA 1: Municipality of St. Mary's

. Smithfield - Approx. 10 acres located on the south side of the highway. Good vine cover. A field with potential if the heavy infestation of the lambkill and hardhack is cleaned up.

. Crowsnest - Approx. 8 acres on the south west side of the gravel road. A field with fair potential, once the hardhack and small spruce are removed.

. Stillwater - 10 acres on the east side of the paved highway, fair potential.

. Stillwater - Approx. 25 acres on the east side of the paved highway. Some work has been started on this field and the remainder is to be completed.

. Port Hilford - On the east side of the paved highway that leads from Port Hilford to Harperville; 25 acres; heavy infestation of laurel and hardhack but very little heavy wood.

. Port Hilford - South of the gravel road that leads from Port Hilford to Wine Harbour - 25 acres with good potential. Considerable weed in some areas with some scrub trees to be removed.

. Wine Harbour - Approx. 10 acres on the south side of the gravel road. Excellent potential with almost 100 percent vine cover; smooth terrain; formerly a cultivated field.

. Sonora - 10-acre block with good potential located on the road that runs from Sonora to Wine Harbour.

AREA 2: The Argyle-Cross Roads Country Harbour - Erinville - Roman Valley area

. Argyle - On the northeast side of the road that leads from Argyle to Stewart's Lake, 60-acre block, a field with excellent potential with nearly 100 percent vine cover. Some small spruce and very few weeds.

. Argyle - On the northeast side of the road that leads from Argyle to Stewart's Lake, approximately 30 acres. Excellent plant cover, some weeds, some areas having small spruce or juniper.

. Argyle - On the road that leads from Argyle to Stewart's Lake on the north east side of the gravel road. A 10-acre field, heavy weed cover plus 25-year-old spruce.

. Giant's Lake - On the north side of the highway, 1 50-acre block divided into three fields. Good vine cover; some hardhack and 15 to 20-year-old white spruce.

. Cross Roads Country Harbour - A 15-acre block on the road that leads from Cross Roads Country Harbour to Erinville and one mile beyond Cross Roads Country Harbour. Field showing good potential, smooth terrain with some weed and small spruce.

. Cross Roads Country Harbour - Approx. 1/2 mile from the Country Harbour Cross Road on the road that leads from that community to Erinville and on the south side of the highway, a small area with rough terrain. Some white spruce and excellent vine cover.

. West Erinville site, approximately 20 acres, near the power line tower. An excellent field, heavy vine cover, quite free of weeds.

. Glencoe - A 20-acre site with 15-year-old white spruce, vine cover starting to fill in. Excellent potential.

. Glencoe - approximately two miles soutwest of the Roman Valley Road-two fields showing good potential, covering of 10-year-old catspruce and hardhack.

. Glencoe - a 10-acre field located between Glencoe and Roman Valley, heavy covering of vine, lots of scrub trees to be removed.

. Site on the cross road that connects Lower Glencoe to the Roman Valley Road, a 50-acre site. Field with smooth terrain and excellent vine cover; some white spruce.

. East Roman Valley - An 8-acre site located on the north side of the highway. Excellent vine cover, some small spruce.

. On the north Intervale to Afton - gravel road, near south Merland; a 25-acre site with good vine cover; some soft wood and hardwood bush, mostly smooth terrain.

. North Intervale to Afton - gravel road, near South Merland, a 25-acre block with good vine cover; 20-year-old white spruce and some hardwood.

AREA 3: The Manchester-Hadleyville area plus 2 sites at Grosvenor

. Manchester-Birchtown, gravel road, a 20-acre site with good vine cover, some small spruce and juniper; terrain quite smooth.

. Manchester-Birchtown, gravel road, a 25-acre site, field quite rough. Good plant cover, some scrub spruce and juniper.

. Manchester-Birchtown, gravel road, a 10-acre site, good vine cover, field with good potential.

. Glenkeen, a 10-acre field containing 10-15-year old spruce; excellent plant cover.

. Middle Manchester - a 20-acre field located on the Hart Road, 10 acres very clean, the remainder having small white spruce, smooth terrain, excellent potential.

. West Side MacPherson Lake - a half mile from the pavement on both sides of the road, 15 acres, excellent vine cover, infestation of rose bush and hardhack.

. Hadleyville, on the south side of the paved highway; 10 acres, excellent potential; 20 year-old spruce, relatively weed free.

. Grosvenor, just south of the Antigonish-Guysborough County line on the road from Linwood Station to the dam and located on the south side of the road, a field with excellent vine cover.

. Grosvenor, just south of Antigonish-Guysborough border on the Linwood Station to Grosvenor highway, 8 acres, excellent plant cover, some small spruce, could be developed in a very short period of time.

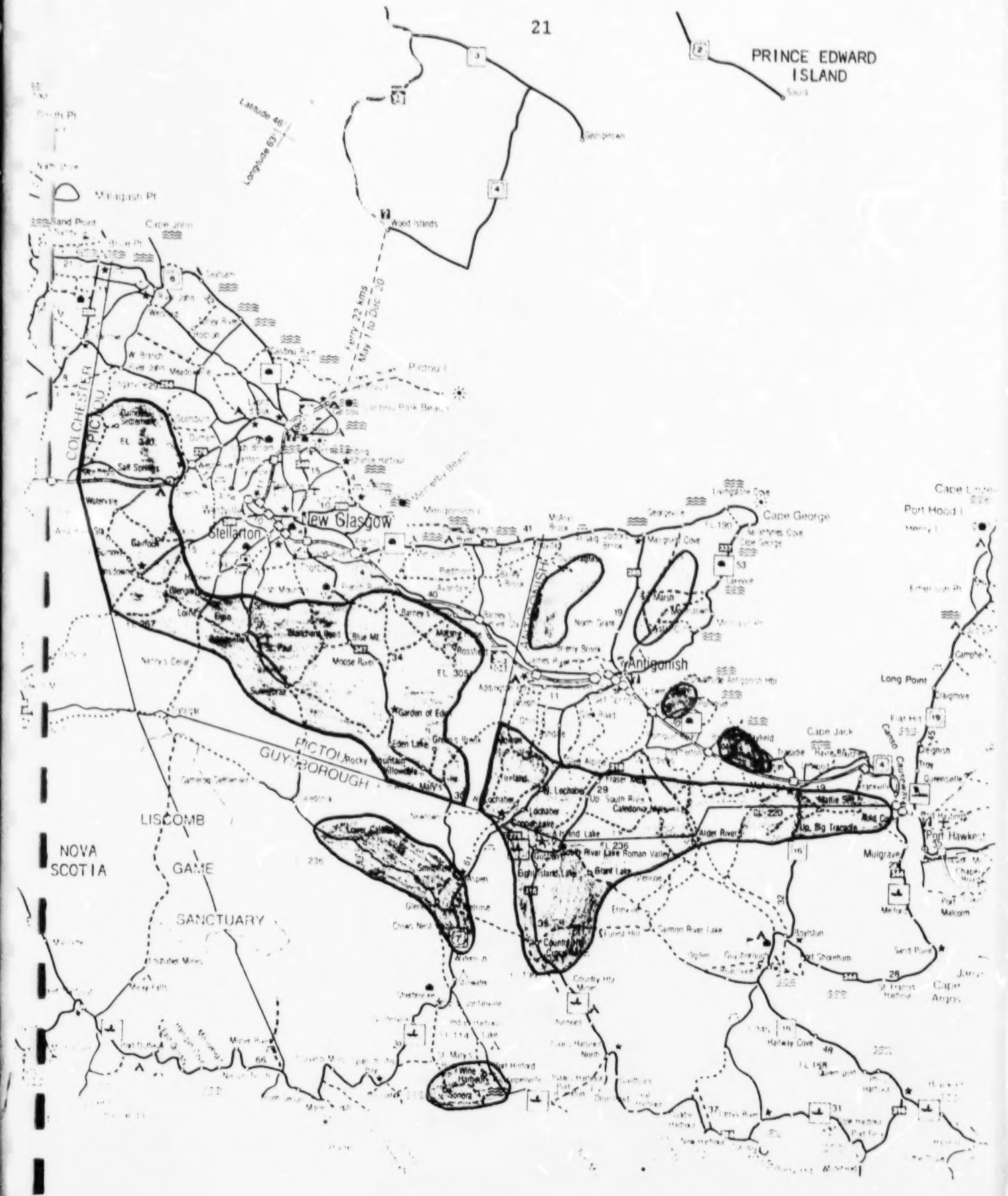
AREA 4: The Guysborough Peninsula, more particularly described as the area extending from Canso town to Country Harbour and north to the area of Guysborough village.

. The acreage potential has not been estimated but there are many

large areas with fair to excellent vine cover. Potential acreage in this region is subject to limitations which may vary from moderate to severe. These limitations include (1) huge boulders or rocks combined with rough terrain; (2) heavy weed infestation of lambkill, hardhack, rhodora and other weeds; (3) areas within a proximity of one to two miles of the shore may suffer severe winter damage due to high winds and salt spray. The damage will not kill the plants but the fruit buds and production potential are severely reduced; and (4) inadequate pollination due to cool and foggy conditions that exist near the shore.

GENERAL SURVEY SUMMARY

A total of approximately 4,400 acres in Eastern Nova Scotia have been identified in this report as having potential for lowbush blueberry development - approximately 2,000 acres in Pictou County; approximately 1,800 acres in Antigonish County; and approximately 600 acres in Guysborough County.


PRINCE EDWARD ISLAND
Wood Islands
Georgetown
Ferry 22 kms May 1 to Dec 20
Pictou
Caribou
New Glasgow
Stellarton
Antigonish
Cape George
Port Hood
Long Point
Cape Jack
Port Hawkesbury
Mulgrave
Cape Argos
Sand Point
Cape John
Malagash Pt
COLCHESTER
PICTOU
GUYSBOROUGH
ANTIGONISH
LISCOMB
NOVA SCOTIA GAME SANCTUARY